

Carbon-carbon composite material pantograph slide for electric locomotive

Patent number: CN1178745
Publication date: 1998-04-15
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Classification:
- international: **B60L5/20; B60L5/18; (IPC1-7): B60L5/20**
- european:
Application number: CN19970106646 19971007
Priority number(s): CN19970106646 19971007

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Abstract of CN1178745

The present invention is used in electric locomotive for railway and belongs to the technological field of railway carriage parts. Copper-plated base material, short carbon fibre as reinforcing agent and thermosetting resin as adhesive are mixed fully through wet or dry mixing process and then cold and hot pressed to form. Thus produced pantograph slide of carbon fibre reinforced carbon-base composite material has excellent friction resisting property, good mechanical property and conducting property and thus excellent comprehensive performance.

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